

Science Big Ideas learning journey – Years 5 and 6

Y3: Seeing in light, darkness, reflection, sun dangers, shadow sizes Y4: Sound vibrations and media, effects of pitch, volume, distance	Y3: Forces on different surfaces, touching vs distance forces, attract vs repel, magnetic poles Y4: electrical appliances, series circuit & parts, effects on incomplete circuit, switches; conductors/insulators	Y4: Solids, liquids & gases, evaporation & condensation	Y4: Water cycle	Y3: Rocks, physical properties, soil structure & formation, fossils in rock	Y3: Nutrition, muscles & skeletons Y4: Digestive system, teeth	Y3: Plant Parts, what they need, how water is transported, seeds & pollination	Y4: Local organisms – classify & identify, environmental dangers, food chains- producers, predators, prey
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